CSI
WATER TREATMENT SYSTEMS

UV Series

General Specifications	UV6	UV11	UV11D	UV15D
Lamp	UVLMP-6	UVLMP-11	UVLMP-11	UVLMP-15
Sleeve	UVQTZ-6	UVQTZ-11	UVQTZ-11	UVQTZ-15
Max GPM @ 30mj / cm^2	6	11	11	15
Inlet / Outlet	3/4" MNPT	3/4" MNPT	3/4" MNPT	1" MNPT
Chamber	20.5" x 2.5"	35.2" x 2.5"	35.2" x 2.5"	40" x 2.5"
Solenoid	No	No	Optional	Optional
Lamp Out Indicator (audible & visual)	Yes	Yes	Yes	Yes
Lamp Life Countdown	Yes	Yes	Yes	Yes
Digital Display	No	No	Yes	Yes
UV Monitor	No	No	Optional	Optional
Shipping Weight	10 lbs	15 lbs	15 lbs	18 lbs

Many wells, ponds and other untreated water sources may contain unwanted or harmful organisms supply teste drinkable one day, may become contaminated from underground seepage, surface water or ground water fouling from a myriad of sources. Ultra Violet systems address these concerns without having to add chemicals like chlorine to water or changing its chemical composition.

Water Quality Parameters

UV disinfection is extremely effective against microorganisms but only if the UV light can pass through the water it needs to treat. This means that the quality of your water is very important in order to ensure complete disinfection. Treated water should be tested for at least the parameters listed below. If the water exceeds the listed parameters appropriate pretreatment equipment must be installed (equipment required will depend on parameters being treated):

Hardness: <7 gpg (120 mg/L) – if hardness level is 7 gpg or slightly below the quartz sleeve must be cleaned periodically in order to ensure efficient UV penetration; if above the water should be softened.

Iron (Fe): <0.3 ppm (0.3 mg/L)

Manganese (Mn): <0.05 ppm (0.05 mg/L)

Turbidity: < 1 NTU

Tannins (organics): <0.1 ppm (0.1 mg/L)

UVT (transmittance): >85%